

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

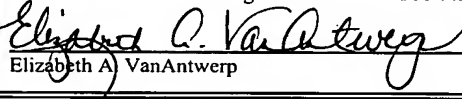
In re the application of: Nobuhiko MORI, Toshihiro TOMITA and Hitoshi SAKAI

Filed: Concurrently Herewith

For: LAMINATED ZEOLITE COMPOSITE AND METHOD FOR PREPARATION  
THEREOF

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 10, 2004 under "EXPRESS MAIL" mailing label number EL 994436318 US.

  
Elizabeth A. VanAntwerp

INFORMATION DISCLOSURE STATEMENT

Sir:

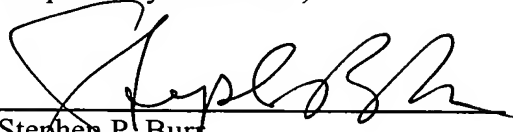
Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached. In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the U.S. references listed on Form PTO-1449.

Also enclosed is a copy of an International Search Report bearing a mailing date of January 14, 2003, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution

of this application, and that these references be made of record therein and appear among the  
"References Cited" on any patent to issue therefrom.

Respectfully submitted,

  
\_\_\_\_\_  
Stephen P. Burr  
Reg. No. 32,970

March 10, 2004  
Date

SPB/eav

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Form PTO-1449  US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	
				Filing Date	
				First Named Inventor	
				Art Unit	
				Examiner Name	
				Confirmation No.	
Sheet	1	of	1	Attorney Docket No.	791_236

#### U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	AA*	5,110,478	05-05-1992	Haag et al.				

#### U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

#### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AB	1 232 999 A1	08-21-2002	EP				
	AC	61-077620 A1	04-21-1986	JP				✓
	AD	1 123 898 A1	08-16-2001	EP				

#### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)


Examiner:		Date Considered:	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the U.S. references listed above.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/09317

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.<sup>7</sup> B01D71/02, B01D69/10, C01B39/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>7</sup> B01D67/00-71/81, B01D53/22, C01B33/20-39/54

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2002

Kokai Jitsuyo Shinan Koho 1971-2002 Jitsuyo Shinan Toroku Koho 1996-2002

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPIL

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5110478 A (Mobil Oil Corp.), 05 May, 1992 (05.05.92), Full text & JP 04-227826 A	1-7
A	EP 1232999 A1 (NGK Insulators, Ltd.), 01 March, 2001 (01.03.01), Claims & AU 200136019 A & BR 200104781 A & JP 2001-247308 A	1-7
A	JP 61-077620 A (Mitsubishi Chemical Industries Ltd.), 21 April, 1986 (21.04.86), Page 2, upper right column, line 5 to page 3, upper left column, line 2 (Family: none)	1-7

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to
"A" document defining the general state of the art which is not considered to be of particular relevance	understand the principle or theory underlying the invention
"E" earlier document but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 11 December, 2002 (11.12.02)	Date of mailing of the international search report 14 January, 2003 (14.01.03)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
Facsimile No.	Telephone No.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/09317

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1123898 A1 (NGK Insulators, Ltd.), 08 October, 1999 (08.10.99), Claims & WO 00/23378 A1	1-7